

REMARKS

Claims 1-16 are pending and are unamended.

Drawings

In response to the Examiner's drawing objection, each of the figures highlighted by the Examiner were amended to label each box. No new matter was added.

In the Office Action, the Examiner objected to the drawings for allegedly failing to disclose what the members are in the boxes. In response, Figs. 65B and 65C were amended to identify the depicted element as a multiplexer (MUX), as described in the specification. Each of the remaining figures highlighted by the Examiner show a network, and thus the elements in the boxes are network components. Accordingly, the respective elements were amended to be labeled as network components (NC). Fig. 5A depicts a routable interconnection network, and thus the triangular members are also network components.

In view of the above comments and drawings amendments, withdrawal of the drawing objection is respectfully requested.

Conclusion

Insofar as the Examiner's rejection has been fully addressed, the instant application is in condition for allowance. Issuance of a Notice of Allowability of all pending claims is therefore earnestly solicited.

Respectfully submitted,

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May 9, 2005 By: Clark Jablon
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Amendments to the Drawings:

The attached 12 formal drawing sheets replace the original sheets of formal drawings.

- Fig. 5A: Add "NC" (network component) labels to each block.
- Fig. 6C: Add "NC" (network component) labels to each block.
- Fig. 7: Add "NC" (network component) labels to each block.
- Fig. 14: Add "NC" (network component) labels to each block.
- Fig. 16: Add "NC" (network component) labels to each block.
- Fig. 19: Add "NC" (network component) labels to each block.
- Fig. 22: Add "NC" (network component) labels to each block.
- Fig. 23: Add "NC" (network component) labels to each block.
- Fig. 24: Add "NC" (network component) labels to each block.
- Fig. 25: Add "NC" (network component) labels to each block.
- Fig. 26: Add "NC" (network component) labels to each block.
- Fig. 65B: Add "MUX" label to the triangular block
- Fig. 65C: Add "MUX" label to the triangular block.
- Fig. 73B: Add "NC" (network component) labels to each block.

Attachment: Replacement Drawing Sheets (12 sheets)